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PANAMA-PACIFIC INTERNATIONAL EXPOSITION
SAN FRANCISCO
1915

INFORMATION FOR EXHIBITORS
IN
MACHINERY PALACE

May, 1914

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FREE SPACE: There is no charge for exhibit space, but space occupied must be properly and economically utilized.

TRANSPORTATION: Exhibits will be consigned to the President of the Exposition and labels will be furnished to the exhibitor by the Division of Exhibits, which will show the department and on which is to be marked the space to which the exhibit belongs.

All exhibit material will be taken from the railway or steamship terminus when landed in Oakland or San Francisco to the space which it is to occupy by the Traffic Department of the Exposition. This will be done at a nominal published rate and will save the exhibitor all work and delay usually connected with terminal handling.

A railroad switch, which brings in all railway shipments into Machinery Palace without reloading, comes in on Avenue E under all cranes. This track will be floored over during the Exposition period and will be used for removing exhibits after the Exposition.

Traveling cranes will convey exhibit material to all parts of the three long bays through which 2nd, 3rd and 4th streets extend. A 20-ton crane will run above 2nd street, two 30-ton cranes above 3rd street, and a 20-ton crane above 4th street. There is no overhead crane service for space on each side of 1st and 5th streets. Exhibitors may obtain crane service to assist in installing exhibits at a moderate rate.

A one-way freight charge will cover return of all exhibits over transcontinental lines to point of origin.

The Exposition Terminal Railway Company will provide at Chicago and other eastern points, warehouses to receive less than carload shipments that will be combined in carload lots and shipped direct to the Exposition, thereby securing carload rates.

Further detailed information of transportation is published by the Traffic Department and will be mailed to all exhibitors. Additional copies of this information may be had on application.

WATER: The Exposition will install a system of mains for furnishing water for domestic and drinking purposes within or under the Exposition's buildings and generally throughout the grounds.

All Consumers must purchase water on a meter basis. The rate for water for ordinary domestic purposes will be 40 cents per thousand gallons.

The minimum bill for water will vary from \$1.50 to \$3.50 per month according to the size of the meter used. The size of this meter will be determined by the Director of Works.

Fresh water for steaming, cooling, ice making, etc., will be supplied exhibitors at rates at or below 40 cents per 1000 gallons, according to the quantity used. Water softening apparatus installed as exhibits will supply water free from calcium, magnesium and iron salts. Pressure in water mains is about 50 lbs. per square inch.

Brackish water can be readily tapped about 12 or 14 feet under the central and northern part of Machinery Palace.

ELECTRICITY: Lighting Service: In the Palace of Machinery the lighting will be served from 60-cycle, 3-phase mains with approximately 115 volts between conductors. Exhibit Buildings will not be open at night nor Sundays.

General illumination of building will be cared for by Exposition Company.

Alternating Current Power Service: In the Palace of Machinery there will be available for power purposes 60-cycle, single phase and 3-phase current at an approximate voltage of 230.

Single-phase motors must not be over 1 H. P. in size if served at 115 volts nor over 5 H. P. if served at 230 volts.

Direct Current Power Service: Direct current at approximately 125 and 250 volts will be available in the Palace of Machinery.

Direct current will only be available during the hours that the Exposition Buildings are open to the public. No direct current will be furnished for motors or apparatus of larger capacity than 25 H. P. and no motor larger than 2 H. P. will be served with 125 D. C., unless arranged for in advance.

Special Rates: Exhibitors requiring electric service to operate moving machinery for exhibit purposes will be charged only for the energy used, at the rate of 3 cents per kilowatt hour.

GAS: Meter Rates: The rates for gas supplied to Consumer during each calendar month or fraction thereof, and as measured by the meter installed by the Exposition, will be as follows:

\$1.00 per 1,000 cubic feet for the consumption in each month up to and including 50,000 cubic feet.

\$0.80 per 1,000 cubic feet for the excess consumption in each month over 50,000 cubic feet.

The minimum bill per month for gas will vary from \$2.50 to \$15.00, according to the size of the meters installed.

STEAM SERVICE: Steam service will be available in the Machinery Building during the hours that the building is open to the public. Saturated steam at a pressure of approximately 150 lbs. per square inch will be furnished. Headers and mains for live steam, exhaust steam, drips and drains will be installed by the Exposition. Participants requiring steam must arrange for service in advance.

Rates: Steam will be sold to exhibitors at approximately actual cost to the Exposition Company. The rates will be fixed as soon as the various elements of cost have been determined.

COMPRESSED AIR SERVICE: Compressed air at 80 pounds pressure will be available in the Palace of Machinery. Compressed air service must be arranged for in advance.

Rates: The Consumer shall pay for compressed air service a monthly charge of \$4.00 per H. P. of maximum demand of his installation, and in addition thereto \$0.15 per 1000 cubic feet of free air consumed. An exhibitor may provide his own compressor.

EXPOSITION SERVICE: Working exhibits that are able to furnish part of Exposition requirements will be compensated at regular rates.

FOUNDATIONS: All exhibitors will furnish such foundations as may be needed for their exhibits. The floor of Machinery Palace is designed for a load of 200 lbs. per sq. ft. This floor stringers rest on the ground, and there is not room for a man to crawl between flooring and ground. The flooring is two-inch plank, which will be covered by tongue and grooved flooring. The ground is newly filled by dredge pumping from the bay under the north part of the building. Ground under the south half of the building is an old, well settled, sloping fill and several feet depth was removed in leveling off for the building. The building is supported on piling, which is driven from 14 to 26 feet under that part of the building in which heavy machinery will be placed. Each pile is rated for a safe load of 20 tons. Spread footing foundations can be put in very readily. The safe tested bearing pressure for such foundations varies from 1 to 3 tons per sq. ft. In many cases, the floor under heavy machinery will need no further support than wedging between the floor and the ground.

BUILDING DETAILS: There will be no line shafting in the building.

Refer to floor plan to get depth of space from aisles.

The clear head room, below rails of traveling crane of the three central bays is 50 feet. The wing bays have a clear head room of 40 feet.

Adjacent to the main building is located the "Gas and Fuels" Building, in which will be placed operating exhibits of boilers, steam hammers, gas producers, and other appliances in operation which by reason of noise or for other causes should be excluded from the main building.

SPACE APPLICATION: Applications for exhibit space will be given precedence according to date of receipt.

At the present time it is only necessary for the applicant to state approximate amount of space desired. Detailed plans showing arrangements of exhibits can be sent in later when the final allotments of space are made.

The Official Classification shows in which Palace the exhibit should be installed.

Separate application is necessary for each exhibit department.

COMBINED EXHIBITS: Exhibitors who do not feel justified in the expense of an independent exhibit, may collect their exhibits on a space allotted in common to them, so that the expense of attendant or attendants may be apportioned among them. Each exhibitor must sign an application for space and his exhibit will be reviewed individually by the Jury of Awards. Further information on request.